

**APPENDIX IV**  
**Revised and shortened abstract**

## ABSTRACT

This invention contemplates a combination and method involving mounting specially designed plates and/or mounting apparatus against and on the standard vertical column used in construction of office structures or other structures including bridges. ~~The~~ Each set of plates have has a clamping mechanism designed to fit around or on the vertical column. A lower and upper plate are mounted. The plates have a column and has protrusions onto which are mounted a bracket with holes fitting on the protrusions. ~~The bracket is secured with a cotter pin.~~ The brackets project outside the eventual skin of a building and deck planks or piers can be mounted on the brackets. ~~The mobile outrigger scaffolding system allows brackets to allow workmen to~~ safely walk and work on the deck planks to perform work on a floor-by-floor basis. The system can be disassembled quickly and moved to another part of the same floor, to a new floor, and can be used around the outside corner of a structure or from an overhang or from a horizontal beam. ~~The invention is uniquely designed for steel tube construction. A small part of fireproofing can be removed, the invention utilized and the fireproofing replaced. system can be used with steel~~ tube construction with or without fireproofing.